

Add-On Components

KV-CM1KD Rear-View Camera

- **Ultra-Compact** - CMOS Sensor technology, which is also used in many digital cameras, allows for a small frame structure with excellent video quality. Dimensions: 13/16" W x 13/16" H x 15/16" D Weight: 0.07lbs (excluding cables)
- **Easy to Set Up** - Install anywhere
- **Supersensitive** - Clear vision day and night



CS-CN100 2 5/8" Center Speaker

A 2-way center-channel speaker that incorporates superior sound quality and directivity into a simple profile design.

- 60W Max. Music Power
- Cloth Glass Fiber Oblique Cone Woofer
- Soft Dome Tweeter
- Neodymium Magnet



KS-U20 USB Video Cable for iPod®

Provides full charging and video display for iPod® video. Allows full audio iPod® category and song function operation with the stereo controls.



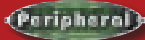
KS-SRA100 Sirius Satellite Radio Interface

- Direct Link Sirius Satellite Radio Interface for SAT-Ready and Sirius-Ready JVC Stereos
- Sirius SC-C1 Universal Sirius Tuner Box Required
- Also works with Sirius SC-VDOC1 for Integration with Sirius Plug and Play Units



Peripheral Steering Wheel Control Interface

The PESWIAKJ works with all Steering Wheel Remote Ready JVC stereos and retains use of steering wheel audio controls on most vehicles. It even maintains heater and A/C controls on equipped GM Vehicles. This unit connects to the rear of the JVC unit and even provides an input for an external wired remote control.



All JVC Arsenal Headunits are Steering Wheel Remote Ready

Available through Peripheral Electronics:
www.periphraelectronics.com or call 800-477-2267

KS-BTA200 Bluetooth® Adapter

Bluetooth® Wireless Technology

- **Hands-Free Calling**
No need to hold your cell phone
- **Audio Control & Streaming***
Listen to your DAP or iPod® without cables
- **Text Message Service**
Instant text message display on LCD
- **Phonebook Transfer**
Up to 5000 numbers
- **Voice Recognition Dialing***
Dial hands-free



* May require additional Bluetooth accessories
* Requires voice recognition-compatible cell phone

AA-T100BT Bluetooth® Audio Streaming Adapter for iPod®

Transmitting high quality sound, this unit connects to most iPods and provides Bluetooth® wireless audio streaming for JVC Bluetooth® stereos.* Play/Pause and Skip iPod® Music directly from the JVC stereo. Uses the iPod's internal battery power – no charging required. Perfect fit to iPod® Nano 2nd generation.

* Also works with JVC Ready For Bluetooth® stereos when connected to the KS-BTA200 Bluetooth® Adaptor



KT-HD300 HD Radio™ Add-On Tuner Box

- Provides HD Radio® Multicast Tuning to JVC HD Radio Ready® Stereos
- Includes Tuning Bands for FM, AM, and HD Radio® Signals



XMJVC1 XM Translator Box*

Direct Link Tuner for XM-Ready and SAT-Ready JVC head units. Available from most authorized JVC Dealers or www.xmradio.com.



KS-PD100 Interface Adapter for iPod®



- Information Display with the Same Categories and Layers as iPod®
- Battery Recharge for Connected iPod®
- Space-Saving Hideaway Unit



iPod® Adapter Ready Models:
KD-NX7000 • KD-NX5000 • KD-ADV49
KD-ABT22 • KD-AHD39 • KD-APD89 • KD-AR390

For more information on these products and technologies visit mobile.jvc.com



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JVC MOBILE ENTERTAINMENT

PRODUCT GUIDE 2008



KD-ADV49
EL KAMELEON
DVD/MULTIMEDIA
RECEIVER



NAVIGATION



KW-NX7000 Navigation/DVD/CD/USB/SD Receiver

Multimedia Features

- MOSFET 50W X4
- 20W X 4 RMS
- Amp Defeat Switch
- Shock Proof memory
- 12-bit/108MHz Video DAC
- F/R/Sub/Output
- Gold Plated AV Input/Video Output
- Optical Digital Out
- Steering Wheel Remote Ready
- 7-Band iEQ
- J-BUS Terminal
- Ready for Bluetooth® Adaptor
- Telephone Muting
- DTS/Dolby Digital
- DVD Video Playback
- JPEG/MPEG 1,2
- DivX® Ultra Certified
- Ready for iPod®
- SAT Ready
- HD Radio Ready®
- Motorized/Detachable Face
- MPEG Audio
- Proximity Sensor
- iPod® Video File Playback (KS-U20)
- Gold Plated Preouts
- High-Voltage Preouts (5V)
- SD Slot (JPEG/AAC/WAV/MP3/WMA)
- DivX®/JPEG/MPEG 1,2 (DVD/CD/USB)
- GIGA MP3 Multi
- AAC/WAV/MP3/WMA (DVD/CD/USB)
- iPod® Audio Playback (USB/J-BUS)
- Rear-View Camera Ready

Nav Features

- 7" Wide Touch Panel Display
- Built-in Memory Navigation
- Built-In RDS-TMC Tuner
- 12 Million POI
- POI Alert
- 7 Language Voice
- Max Speed Alert
- Magnified View
- WAAS GPS Capable
- 2D/3D Map View
- Speed Limit Display
- Lane Guide
- Text to Speech



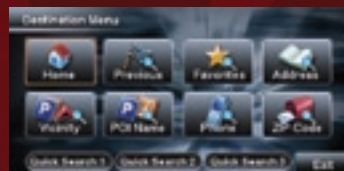
Superior Navigation Technology

- Built-in Flash-Memory provides quick startup and search, high-speed route calculation, and is resistant to in-vehicle extreme temperatures and vibration.
- 12 Million Points of Interest and map graphics are Pre-installed for Coverage in the United States, Alaska, Hawaii, Canada, U.S. Virgin Islands and Puerto Rico.
- POI and Map database is updatable by SD card.
- Allows use of navigation functions and listening to various multimedia sources simultaneously.

POI & Search Options

Multiple Destination Search Options

- POI Information can be searched by Address, POI Name, Vicinity, Telephone Number, Map Location or Zip Code.
- Store 100 favorite Points of Interest and recall up to 50 previous destinations from the built-in memory. Return trips are made easy by using the preset "Home" Location feature.
- **Quick Search Feature** – Allows up to three favorite POI categories to be set in the immediate menu screen for one-touch access.
- Routes can be configured by fastest time or shortest route length and configured to avoid specific roads such as Freeways, Ferries or Toll Roads.
- Up to 4 Waypoints can be entered – even while en route to the destination that has already been entered.
- **Ambiguity Search** – Compensates for spelling mistakes and eliminates the need to type in entire City or POI information by alphabetically listing the most popular entries for the partially given information.



Easy Operation

Easy operation with 7-inch touch screen and detachable faceplate security.

- 7-inch TFT monitor is motorized with a low reflection surface that minimizes screen flare from sunlight.
- Large screen area allows full name display, split-screen information and map views, and easy multimedia functions operation.
- Faceplate with monitor is fully detachable for anti-theft security and convenience.

Proximity Sensor

Unique Proximity Sensor Function and Touch screen allow for easy operation.

- Full on-screen map is displayed while in navigation mode.
- Proximity sensor will detect as your hand approaches to operate.
- Unit changes to operation mode and Menu, Zoom and Function keys are immediately displayed on-screen.



The KD-NX5000 not only includes full navigation capability with pre-installed map data, but also the ability to store up to 24GB of music on the built-in hard disc drive. Because the map data is built-in, the driver can use navigation while listening to music.

KD-NX5000 HDD Navigation/DVD/CD Receiver

Nav Features

- 3.5" Wide Display
- 40 GB Hard Disc Drive
- WAAS GPS Capable
- 2D/3D Map View
- Built-In RDS-TMC Tuner
- 3 Language Voice
- 13 Million POI

Multimedia Features

- MOSFET 50W X4
- 20W X 4 RMS
- Amp Defeat Switch
- Shock Proof memory
- 12-bit/108MHz Video DAC
- F/R/Sub/Output
- Gold Plated Video Input & Output
- Optical Digital Out
- Steering Wheel Remote Ready
- 7-Band iEQ
- J-BUS Terminal
- Ready for Bluetooth Adaptor
- Telephone Muting
- DTS/Dolby Digital
- DVD Video Playback
- JPEG/MPEG 1,2
- DivX® Ultra Certified
- Ready for iPod
- SAT Ready
- Gold Plated Preouts
- Motorized/Detachable Face
- MPEG Audio
- DVD Audio
- Giga MP3 Multi
- WAV/MP3/WMA Playback
- Rear-View Camera Ready



User-Friendly Operations

Easy to see GUI, improved remote control with iPod®-like operation

Direct Scroll

One touch map scroll

Direct Zoom

One touch zoom in/out

A push on **HOME** button calculates the way home

Benefits of the RDS-TMC Tuner

The KW-NX7000 and KD-NX5000 feature a built-in RDS-TMC tuner for important real-time traffic updates. Working directly through the vehicle's existing antenna, there is no need to purchase additional equipment. RDS Technology has been used in many vehicles, and for navigation, this same data network provides on-screen traffic information such as:

TRAFFIC FLOW

- Shows relative traffic speeds on selected highways
- Helps to calculate accurate travel time
- Allows the ability to reroute around high-traffic areas

TRAFFIC EVENTS

- Shows high-congestion areas due to accidents or construction
- Users can choose to reroute around congested areas automatically or continue on their current route

40GB HDD Built-In

- No Disc Change Required
- Quick and Easy Destination Search
- Easy Map Data Update
- High-Speed Route Calculation
- 13 Million P.O.I. Data



HDD Music Server

Built-In HDD Advantages

- Installs 460 CD Albums
- Plays Various Formats: MP3, WMA, WAV, JVC Lossless*
- Copy CD Music onto HDD**
- Extensive Maps

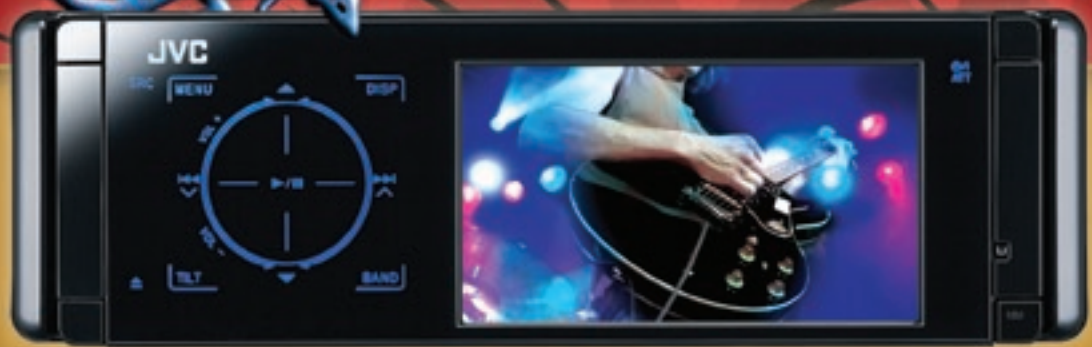


* JVC's Lossless Encoder offers original CD-quality music
** Speed-copying of MP3 files (60-minute CD album in 1 1/4 min.)



MULTIMEDIA

JVC
ELKAMELEON



KD-ADV49 DVD/CD Receiver with 3.5" Widescreen Monitor

- 3.5" Wide Display
- MOS-FET 50W x 4
- 20W x 4 RMS
- 7-Band iEQ
- 192kHz/24-bit DAC
- Amp Defeat Switch
- Ready for iPod®
- Telephone Muting
- DivX® Ultra Certified
- SAT Radio Ready
- HD Radio Ready®
- Steering Wheel Remote Ready
- USB Port (Rear)
- High Voltage Preouts (5V)
- F/R/Sub/Center Output
- Gold Plated Preouts
- Second Audio Out
- Gold Plated AV Input/Video Output
- Built-In Bluetooth®
- Motorized/Detachable Face
- Touch Pad
- Proximity Sensor
- 12-bit / 108MHz Video DAC
- Dolby Pro Logic II
- High & Low Pass Filters
- Multilingual Display (10 Languages)
- Shock Proof Memory
- HS-IVI Tuner
- DVD Video
- DVD+R/+RW/-R/-RW/VCD
- GIGA MP3 Multi
- AAC/WAV/MP3/WMA (DVD/CD/USB)
- DivX®/JPEG/MPEG 1,2 (DVD/CD/USB)
- Dual Zone Surround
- 5.1 Ch DTS / Dolby Digital
- iPod® Audio Playback (USB/J-BUS)
- Rear View Camera Ready
- iPod® Video File Playback (KS-U20)



KW-ADV790 DVD/CD Receiver with 7" Touchscreen Monitor

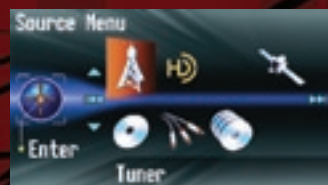
- 7" Wide Touch Panel Display
- MOS-FET 50W x 4
- 20W x 4 RMS
- 7-Band iEQ
- Ready for Bluetooth® Adapter
- Ready for iPod®
- HD Radio Ready®
- SAT Radio Ready
- DivX® Ultra Certified
- GIGA MP3 Multi
- JPEG/MPEG 1,2 Compatible (DVD/CD)
- DTS/Dolby Digital Output
- AV Output
- AV Input
- Multilingual Display (10 Languages)
- Optical Digital Output
- Multilingual Display
- Rear View Camera Ready
- Steering Wheel Remote Ready
- DVD Video
- J-BUS Terminal



Proximity Sensor & Touch Pad Interface



Animated GUI



USB 2.0 Connection for iPod®



iPod® Interface with
Album Jacket Display



Bluetooth™ Technology

For Hands-Free Calling Convenience and More...

Bluetooth® Audio Control and Streaming

Listen to your music wirelessly from your iPod®, Cell Phone, or Bluetooth enabled device through your stereo system. JVC's Bluetooth® technology supports devices enabled for Certified Bluetooth® A2DP (Streaming) and AVRCP (Remote Control and Streaming) protocols. Control PLAY, PAUSE, and SKIP features on your digital audio player or iPod® can be controlled directly from the stereo.*

*Requires AA-T100BT Bluetooth Wireless Audio Streaming adapter.

Hands Free Calling

Make and receive calls from your cell phone directly through the stereo

Voice Recognition Dialing

Voice Dial enables immediate dialing by simply saying the name of the call recipient (Depending on cell phone model)

Phone Book: Phone book entries can be stored and accessed on the JVC stereo*

Text Message Display/Notification

Allows text message notification by displaying SMS messages on-screen**

CD-ROM Updatable (KD-ABT22 and KD-ADV49)

Can be upgraded by CD-ROM to work with the newest cell phone models if pairing fails.

*Capacity varies by model

** Built-In 2008 models use text notification icon only. KS-BTA200 Bluetooth adapter allows full text message display

Find out more about JVC Bluetooth technology and access CD-ROM pairing upgrades at:
<http://www.jvc-victor.co.jp/english/car/bluetooth/index.html>



CD RECEIVERS



KD-ABT22 CD Receiver with Built-In Bluetooth®

- MOS-FET 50W X 4
- 20W X 4 RMS
- HS-IV Tuner
- 20W X 4 RMS
- 5-Band Parametric iEQ
- T/I Burr-Brown 24bit-DAC
- Gold Plated Preouts (2 Pairs)
- Rear/Sub Selectable Output
- High-Voltage Preouts (5V)
- Subwoofer Control
- Front AUX Input
- J-BUS Terminal
- Built In Bluetooth®
- HD Radio Ready®
- Ready for iPod®
- SAT Ready
- MP3/WMA Playback
- Detachable/Flipdown Face
- Steering Wheel Remote Ready
- Variable Color Display
- MP3/WMA/AAC Playback (CD)
- USB Port (MP3/WMA/AAC/WAV/WMA-DRM/iPOD AUDIO)



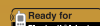
KD-APD89 CD Receiver with USB Port for iPod®

- MOS-FET 50W X 4
- 20W X 4 RMS
- HS-IV Tuner
- 3-Band Parametric iEQ
- T/I Burr-Brown 24bit-DAC
- Gold Plated Preouts (2 Pairs)
- Subwoofer Control
- Rear/Sub Selectable Output
- CD/CD-R/CD-RW
- Front AUX Input
- USB for iPod®
- iPod® Cable Included
- Detachable/Flipdown Face
- USB(MP3/ WMA/ WAV/ WMA-DRM)
- Dual Color Key Illumination
- Variable Color Display
- MP3/WMA Playback
- High Voltage Preouts (5V)
- J-BUS Terminal
- Ready for Bluetooth® Adaptor
- HD Radio Ready®
- Ready for iPod®
- SAT Ready
- Steering Wheel Remote Ready



KD-AHD39 CD Receiver with Built-In HD Radio Tuner

- MOS-FET 50W X 4
- 20W X 4 RMS
- Dias Digital Tuner
- 7-Band iEQ
- Advanced Multi bit DAC
- Gold Plated Preouts (3 Pair)
- F/R/Sub Output
- CD/CD-R/CD-RW
- Front AUX Input
- J-BUS Terminal
- Ready for Bluetooth® Adaptor
- Built In HD Radio® Tuner
- SRS CS Automotive
- Ready for iPod®
- SAT Ready
- MP3/WMA Playback
- Detachable face
- Steering Wheel Remote Ready
- High-Voltage Preouts (5V)



Direct USB 2.0 Connection for iPod®

KD-ABT22 and KS-APD89

Plug your iPod® directly into the front USB port on the KD-ABT22 and KD-ADP89 to experience full-speed control from the stereo! All iPod® category layers and artist/song information are shown on the stereo's LCD Display.

High-Speed Song Access

Allows high speed access to your high-capacity iPod®, Digital Audio Player, Portable HDD and USB Flash Memory Stick song libraries.

Easy Category Search and Song Access

All high-speed song access is easily controlled from the stereo eliminating the need to use the iPod®'s click wheel to change songs. You can also control all song/artist selections using the stereo's wireless remote control.

No Additional Accessories Needed

Simply plug into USB port using the existing charging cable that comes with the iPod®.

Full Charging Through USB

The iPod®'s battery stays charged while plugged in.

Digital and Full Speed Audio Transfer

Lossless signal from iPod® is delivered with high quality sound from JVC's High-Grade D/A Converter

1) Unlike typical analog iPod® connecting solutions, USB 2.0 connections transfer sound digitally into the stereo's USB Port which eliminates loss in sound quality during the transfer phase.

2) JVC's High grade D/A converter internally converts the signal to analog before the amplification stage resulting in better sound reproduction and less noise in the final output signal.



KD-APD58 CD Receiver with Direct iPod® Control

- MOS-FET 50W X 4
- 20W X 4 RMS
- HS-IV Tuner
- 3-Band iEQ
- 24-Bit DAC
- Gold Plated Preouts (2 Pair)
- Rear/Sub Selectable Output
- iPod® Direct Control
- Subwoofer Control
- Front AUX Input
- MP3/WMA Playback
- Detachable/Flipdown Face
- Steering Wheel Remote Ready
- 4V Line Output Level
- MP3/WMA/AAC (CD)
- iPod® Cable Included
- High Voltage Preouts (4V)



KD-APD49 CD Receiver with Direct iPod® Control

- MOS-FET 50W X 4
- 20W X 4 RMS
- HS-IV Tuner
- 3-Band Parametric iEQ
- 24-bit DAC
- Gold Plated Preouts (1 Pair)
- Subwoofer Control
- Rear/Sub Selectable Output
- CD/CD-R/CD-RW
- Front AUX Input
- iPod® Direct Control
- 2-way Control for iPod
- iPod® Cable Included
- Detachable Face
- MP3/WMA
- Steering Wheel Remote Ready
- High Voltage Preouts (5V)



KD-AR390 CD Receiver

- MOS-FET 50W X 4
- 20W X 4 RMS
- HS Tuner
- 3-Band Paramtric iEQ
- 24-bit DAC
- Gold Plated Preouts (1 Pair)
- Rear/Sub Selectable Output
- CD/CD-R/CD-RW
- Front AUX Input
- J-BUS Terminal
- Ready for Bluetooth® Adaptor
- HD Radio Ready®
- Ready for iPod®
- SAT Ready
- MP3/WMA Playback
- Steering Wheel Remote Ready
- High Voltage Preout (5V)



Discover How Good HD Radio Can Sound

KD-AHD39

HD Radio® is a Digital technology that allows a radio station to transmit more information in the same radio wave, enabling higher quality sound and additional content. HD Radio® technology makes AM Stations have FM Station-like sound quality, while FM Stations are broadcast with CD-like sound quality.

Unlike typical FM or AM transmission, HD Radio® has crystal clear reception with low noise and no audio distortion.

More content, More listening options with Multicasting

Multicasting allows more channels to be accessed from your radio dial. HD Radio® multicast channels can be listened to only by an HD Radio® enabled stereo such as the KD-AHD39. These "Stations In Between the Stations" contain additional format options, music genre and talk radio options, and even experimental formats that have, until now, never been heard through other radio broadcast mediums.

HD Radio® broadcasting is completely free of charge – there are no monthly plans or subscription costs for this unique and exciting content.

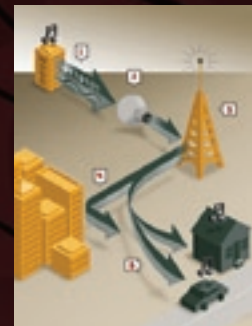
National coverage areas – HD Radio® content is currently available in close to 200 major markets currently and rapidly expanding. For more information or to find HD Radio stations near you, log on to mobile.jvc.com/hdradio.jsp or www.hdradio.com

How Does It Work?

HD Radio® technology works like a more advanced analog radio transmission:

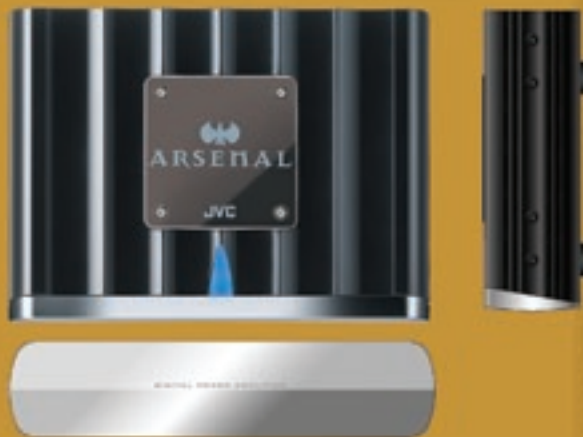
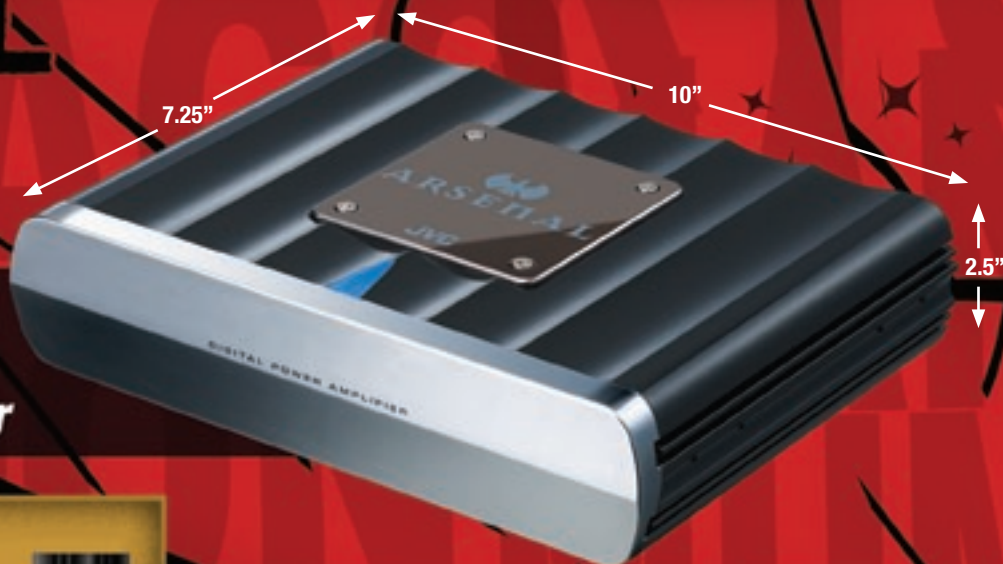
- The radio station sends out the analog and digital radio signals, along with a third signal for text data.
- The digital signal is compressed before being transmitted.
- The three-layered signal is transmitted from the radio station's upgraded digital transmitter.

- Multipath interference, caused by the signal reflecting off of buildings, is ignored by the digital radio, which is able to discern the true signal and ignore interference.
- Your radio receives the signal and, depending on your equipment, you hear either the digital or analog feed.



DIGITAL AMPS

World's
Smallest-Class
Digital Amplifier



Common Features

- THD: less than 0.04% at 1kHz
- PWM Regulated MOS-FET Power Supply
- MOS-FET Output Stage
- Max. Power Output of 800W
- Class-D Circuit
- Variable Input RCA Level Control (0.3 - 6V)
- Variable Bass Boost Control (45Hz, 0-18dB)
- Gold-Plated RCA Jacks
- Gold-Plated Block Terminals (Power: 4AWG/ Speakers: 8AWG)
- Protection Circuitry (Thermal/Short Circuit/ Overload/DC Offset)
- Anti-Pop Circuit
- Control Panel on the Top (Cover)
- Blue LED Illumination

KS-AR8001D

Digital Mono Power Amplifier

- Continuous Power Output: 700W RMS x 1 at 4 ohms, 700W RMS x 1 at 2 ohms
- Frequency Response: 20-300Hz (0, -3dB)
- S/N: more than 80dBA at 2Vrms
- LPF (30-500Hz, -18dB/oct)
- Subsonic Filter (20-50Hz, -18dB/oct)
- Phase Control (0/180 degree)

KS-AR8002D

Digital 2-Channel Power Amplifier

- Continuous Power Output: 150W RMS x 2 at 4 ohms, 170W RMS x 2 at 2 ohms bridged
- 2- or 1-Channel Operation
- Frequency Response: 5-40kHz (0, -3dB)
- S/N: more than 80dBA at 2Vrms
- HPF (30-500Hz, -18dB/oct)
- LPF (30-500Hz, -18dB/oct)
- Subsonic Filter (18Hz, -18dB/oct)

KS-AR8004D

Digital 4-Channel Power Amplifier

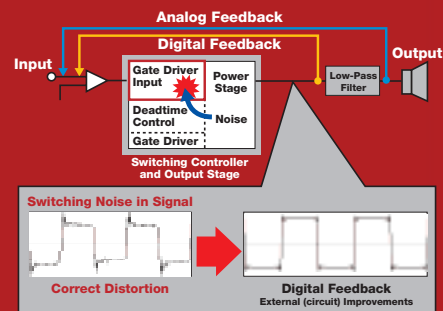
- Continuous Power Output: 120W RMS x 4 at 4 ohms, 130W RMS x 4 at 2 ohms bridged
- 4-, 3- or 2-Channel Operation
- Frequency Response: 5-40kHz (0, -3dB)
- S/N: more than 80dBA at 2Vrms
- HPF (30-500Hz, -18dB/oct)
- LPF (30-500Hz, -18dB/oct)
- Subsonic Filter (18Hz, -18dB/oct)

Space-Saving Installation Options

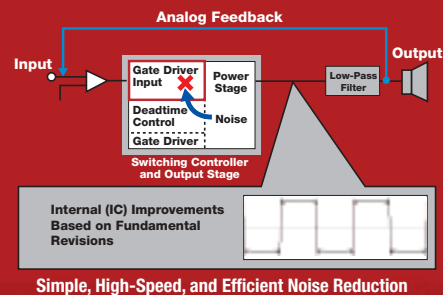


Unique Floating Isolated Structure Eliminates Amplifier Noise

Conventional Digital Amp



JVC's Floating Isolated Structure

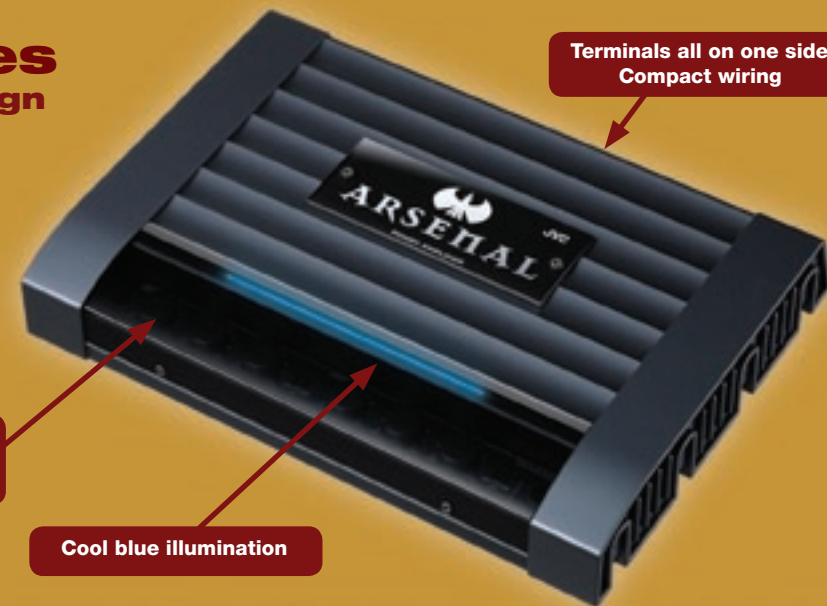


AMPLIFIERS

AR7000 Series Arsenal Amplifier Design

KS-AR7501D
KS-AR7004
KS-AR7002
KS-AR7001

- Stackable 4-Way Installation
- Top Mount Large Rotary Controls
- High-Grade Design with Blue Illumination
- Reversible Logo Plate



Feature Comparison Chart

	KS-AR7501D	KS-AR7004	KS-AR7002	KS-AR7001
Channel Operation	Mono	4/3/2CH	2/1CH	Mono
Circuit	Class D	Class AB	Class AB	Class AB
Maximum Output	1200W	800W	800W	600W
Continuous Power (RMS)	@ 4 Ω 400W RMS x 1	100W RMS x 4	150W RMS x 2	250W RMS x 1
CEA-2006 Compliant	@ 2 Ω 700W RMS x 1	140W RMS x 4	230W RMS x 2	400W RMS x 1
	@ 1 Ω 1000W RMS x 1	—	—	—
Pulse Width Modulated MOS-FET Power Supply	•	•	•	•
Frequency Response (0, -3dB)	20 - 300Hz	5 - 50,000Hz	5 - 50,000Hz	20 - 300Hz
Variable High Pass Filter (-18dB/oct)	—	30 - 500Hz	30 - 500Hz	—
Variable Low Pass Filter (-18dB/oct)	50 - 300Hz	30 - 500Hz	30 - 500Hz	50 - 300Hz
Subsonic Filter	20 - 50Hz Variable (-18dB/oct)	20Hz (-12dB/oct)	20Hz (-12dB/oct)	20 - 50Hz Variable (-18dB/oct)
Variable Bass Boost (0-18dB @ 45Hz)	•	•	•	•
Phase Control (0/180°)	•	—	—	•
Tri-Mode Operation	—	•	•	—
Variable Speaker Level Input	•	•	•	•
Stackable 4-Way Installations	•	•	•	•
Blue Illumination	•	•	•	•
Wired Bass Boost Remote Ready	•	—	—	•
Gold-Plated RCA Input & Output (Pass Through)	•	•	•	•
Angle Mount Gold-Plated Power & Speaker Terminals	•	•	•	•
Anti-Pop & Protection Circuit	•	•	•	•
Top-Mounted Large Rotary Controls	•	•	•	•

Superior Cosmetics With Rock-Solid Arsenal Performance

Arsenal's stack design, smooth cosmetics, high-grade components, and easy-to-use controls are all coupled in a package that is backed by a full two-year warranty. Each amplifier has the same frame size, so up to three amplifiers can be stacked vertically, while still maintaining access to the adjustment controls on each amp. Stack-mounting uses less space and creates a unique look to every custom installation. Every top-mounted control dial is large and easy to adjust, without the need to use additional tools for tuning. Power and speaker terminals are also hidden, gold-plated, and angled for improved wire management and power transfer. Even the Arsenal badge can be inverted for back seat or subwoofer box mounting.

At the core of these amplifiers are Pulse-Width Modulation Regulated MOS-FET Power supplies, which deliver a more consistent power supply and ensure that maximum power output and clarity are achieved, even if the input power is unstable. Arsenal Mono amplifiers also feature Low-Pass and Subsonic filters, as well as a Variable Bass Boost for more specific low-end response and control. Each 2-CH and 4-CH amp also features both variable Low and High-Pass filters for even greater system flexibility. The AR7501D and AR7001 can even be connected to a Wired Bass Boost Remote Control Kit (optional), which provides level control from the front seat of the vehicle. Providing powerful performance, wrapped up in a smooth, sleek package - JVC Arsenal Amps are built strong with unique and exceptional style.

RM-RK130

Works with KS-AR7001, KS-AR7501D, and KS-AR8001 Subwoofer Amplifiers

Optional wired bass boost remote



SUBWOOFERS

Arsenal 8000 and 7000 Series

Multi-Mount Smart Trim Ring provides flexible mounting options



Regular Mounting



Inverted Mounting



CS-AW8520 15" Subwoofer CS-AW8540 15" Subwoofer

- 4500W Max. Music Power / 1500W RMS
- Dual 2Ω Voice Coil (CS-AW8520) / Dual 4Ω Voice Coil (CS-AW8540)
- 308.9 oz. Triple-Stacked Strontium Magnet

CS-AW8240 12" Subwoofer CS-AW8040 10" Subwoofer

- 3000W Max. Music Power / 1000W RMS
- Dual 4Ω Voice Coil
- Kevlar Laminated Hemp-Fiber Cone
- Rapid Fire Impedance Selector Terminal (with Fuse Protection)
- T3 Chassis (Thermal Transfer Technology)
- Multi-Mount Smart Trim Ring
- Air Vented Aluminum Cast Basket
- Santoprene Surround
- 103.2oz Dual-Stacked Strontium Magnet (CS-AW8240)
- 75.6oz Dual-Stacked Strontium Magnet (CS-AW8040)
- Heat Transfer Silicon



CS-AW7220 12" Subwoofer CS-AW7240 12" Subwoofer CS-AW7020 10" Subwoofer CS-AW7040 10" Subwoofer

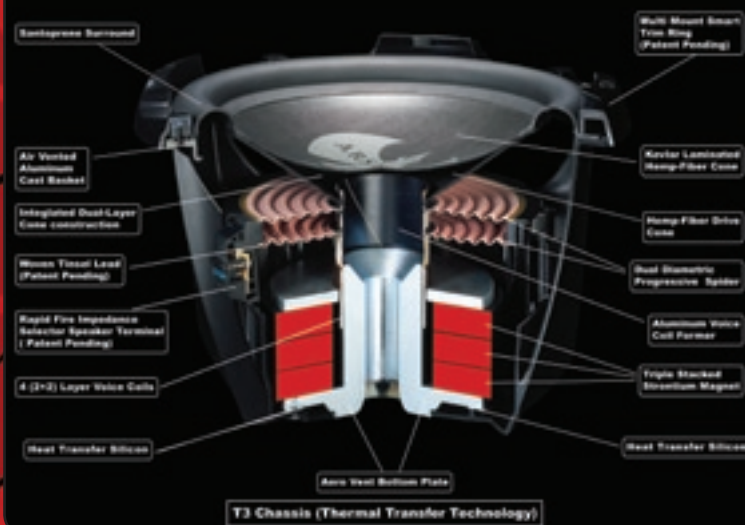
- 1800W Max. Music Power / 600W RMS
- Dual 4Ω Voice Coil (CS-AW7240/7040)
- Dual 2Ω Voice Coil (CS-AW7220/7020)
- Glass Fiber Laminated Hemp Cone
- Rapid Fire Impedance Selector Terminal (with Fuse Protection)
- T3 Chassis (Thermal Transfer Technology)
- Multi-Mount Smart Trim Ring
- Air Vented Aluminum Cast Basket
- Santoprene Surround
- 86.2oz Dual-Stacked Strontium Magnet (CS-AW7240/7220)
- 65.4oz Dual-Stacked Strontium Magnet (CS-AW7040/7020)
- Heat Transfer Silicon



CS-AW6240 12" Subwoofer CS-AW6040 10" Subwoofer

- 1000W Max. Music Power / 350W RMS
- Dual 4Ω Voice Coil
- Metal Sputtering Olefin Cone
- Aluminum Cast Basket
- Butyl Rubber Surround
- 53.7oz Strontium Magnet (CS-AW6240/6040)
- Rubber Gasket

Arsenal 8000 and 7000 Series



Sophisticated Design - Powerful & High-grade

T3 Chassis (Thermal Transfer Technology)

Transfers heat away from the voice coil to the woofer's aluminum basket by connecting the motor structure to the basket using a layer of heat transfer silicon. The aluminum basket acts like a radiator for the T3 process providing the best protection against an overheated voice coil, especially under high current loads.

Multi-Mount Smart Trim Ring (patent pending)

Creates a clean installation appearance by concealing the mounting screws. This unique and color matched trim ring also reverse mounts if the subwoofers are inverted.

Rapid-Fire Impedance Selector Speaker Terminal (patent pending)

Changes the voice coil impedance with one easy motion. Switch between Parallel, Series, or Bi-Amp configurations without any additional wiring. Terminals are also fused which prevents damage caused by current overloads.

Air-Vented Aluminum Cast Basket

Aluminum material reduces resonance within the subwoofer structure which creates strong and clear bass output. The vented basket sides allow the voice coil to breathe cool air – which allows for increased power handling and voice coil structural durability.

Dual Diametric Progressive Spider

Woven Tinsel Lead (patent pending)



Rapid-Fire
Impedance
Selector
Terminal

Pure Sound from HEMP FIBER Cone and Dustcap

Eco-friendly Hemp Fiber reduces unwanted mid and high frequencies in subwoofers – like a natural low pass filter. Internal loss is reduced within the speaker diaphragm for pure fidelity sound.

SPEAKERS



CS-AW8240 **5"x7" / 6"x8" 2-Way Component Speakers**

- 240W Max. Music Power/80W RMS
- Glass Fiber Laminated Hemp Cone
- 1" Titanium Hard Dome Tweeter
- Solid Neodymium Disc Magnet (Woofer)
- Neodymium Magnet (Tweeter)
- T3 Chassis (Thermal Transfer Technology)
- Radiating Equalizer
- Santoprene Surround
- Air Vented Aluminum Cast Basket
- Illuminated Crossover Network (0dB/-3dB/-6dB)
- 5"x7"/6"x8" Universal Mounting Adapter
- Heat Transfer Silicon



CS-ARS650 **6.5" 2-Way Component Speakers** **CS-ARS500** **5 1/4" 2-Way Component Speakers**

- 240W Max. Music Power/80W RMS (CS-ARS650)
- 210W Max. Music Power/70W RMS (CS-ARS500)
- Glass Fiber Laminated Hemp Cone
- 1" Titanium Hard Dome Tweeter
- Solid Neodymium Disc Magnet (Woofer)
- Neodymium Magnet (Tweeter)
- T3 Chassis (Thermal Transfer Technology)
- Radiating Equalizer
- Santoprene Surround
- Air Vented Aluminum Cast Basket
- Illuminated Crossover Network (0dB/-3dB/-6dB)
- Universal Mounting Adapter (CS-ARS650)
- Heat Transfer Silicon



CS-AR690 **6"x9" 2-Way Speakers** **CS-AR680** **5"x7" / 6"x8" 2-Way Speakers**

- 240W Max. Music Power/80W RMS (CS-AR690)
- 180W Max. Music Power/60W RMS (CS-AR680)
- Point Source Configuration
- Glass Fiber-PMI Cone
- 1" Titanium Hard Dome Tweeter
- Strontium Magnet (Woofer)
- Neodymium Magnet (Tweeter)
- Butyl Rubber Surround
- In-Line Crossover Network (0dB/-3dB)



CS-AR650 **6.5" 2-Way Speakers** **CS-AR500** **5 1/4" 2-Way Speakers**

- 180W Max. Music Power/60W RMS (CS-AR650)
- 150W Max. Music Power/50W RMS (CS-AR500)
- Point Source Configuration
- Glass Fiber-PMI Cone
- 1" Titanium Hard Dome Tweeter
- Strontium Magnet (Woofer)
- Neodymium Magnet (Tweeter)
- Butyl Rubber Surround
- In-Line Crossover Network (0dB/-3dB)

Illuminated Network



HEMP FIBER

- Provides natural mid and high frequency sound
- Creates a smooth transition between woofer and tweeter crossover frequencies
- Strong and light - allows for more power capability and stunning sound quality

New ARS Series for Arsenal **Light weight. High performance.**

SLIM DESIGN allows for installation in wider range of cars

Enabled by application of neodymium magnets and aluminum frames

6.5" models include adapter to expand the range of cars where they may be installed

Angle-adjustable tweeter expands installation possibilities



Sophisticated Design - Powerful & High-grade

T3 Chassis (Thermal Transfer Technology)

Transfers heat away from the voice coil to the speaker's aluminum basket by connecting the neodymium magnet structure to the basket using a layer of heat transfer silicon. The aluminum basket acts like a radiator for the T3 process providing the best protection against an overheated voice coil, especially under high current loads.

Radiating Equalizer

The center piece on an Arsenal component driver is connected to the speaker's T3 structure, and efficiently dissipates heat from inside of the motor structure. Its unique shape design also blends and focuses high-frequency sound waves toward the listener's ears.

Solid Neodymium Disc Magnet

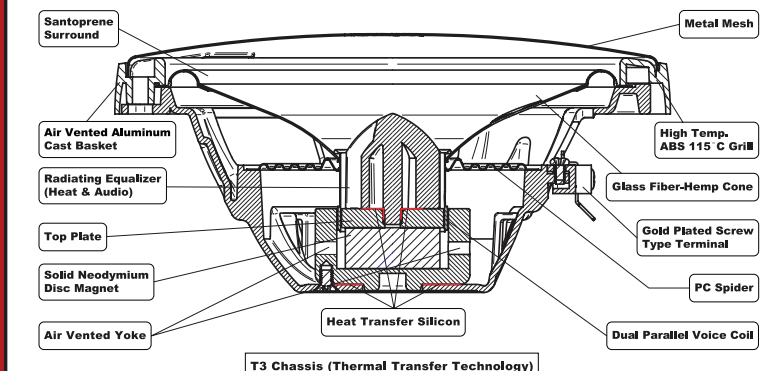
Unlike conventional magnets which radiate magnetic force in all directions, the Solid Disc Magnet focuses more magnetic power upwards toward the speaker's voice coil – creating more power handling and SPL.

Advanced Arsenal Coaxial Features

CS-AR690, CS-AR680, CS-AR650, CS-AR500

- Tweeter voice coil within the woofer delivers point source radiation
- New box-in-line design for crossover networks.
- Point Source Radiation provides a smooth combination of woofer and tweeter frequencies because both ranges of sound are projected from the same location.
- In-line crossover wiring design provides easier and more flexible installation possibilities.

ARS Series Components



GLOSSARY FOR TECHNOLOGIES AND FEATURES

Detachable Face

With JVC head units, you can easily remove the control panel and take it with you for security. They are provided with a convenient compact carrying case.

Motorized Face

Just press a button, and the front panel smoothly slides out to a flat position, making it easy to insert a disc behind it. You can also set the panel at the angle most comfortable for where you are seated.

Flip-Down Face

The flip-down face permits a large LCD with an attractive, easy-to-read display of numerical and graphical data such as levels.

Steering Wheel Remote Ready

With an optional adapter, you can control an advanced JVC head unit from the steering-wheel remote control that comes factory standard with your car.

CD/CD-R/CD-RW Compatible

CD-RW (CD-Rewritable) lets you make your own CDs and play them back on CD players. And although CD-RW's low reflectivity can cause tracking problems, ADS (Advanced Digital Servo) effectively solves this problem. Most JVC CD receivers are compatible with CD-RW, CD-R and, of course, CD discs.

Ready for iPod®

With an optional KS-PD100 adapter, you can connect and control your iPod on the head unit.

USB Audio and Video for iPod® USB Audio for iPod®

Enjoy digital audio/video from iPod® and USB devices at full-speed transfer. You can also charge your iPod®.

*The units are not guaranteed to play back all HDD types. When partitions are created, only the first partition can be read. (Maximum current supply 1.0A)

**DivX® files must be less than 2Mbps for playback on USB

*** For iPod® video playback, KS-U20 (for AV receivers) or KS-U19 (for DVD receivers) cables are required. Please visit www.jvc-exad.com for iPod® compatibility details.

Ready for Bluetooth® Adapter

Bluetooth® Wireless Technology is available with an optional adapter (KS-BTA200), for hands-free calling and audio streaming.

• Available functions depend on the mobile phone.

HD Radio Ready®

You can connect an optional KT-HD300 HD Radio® tuner and enjoy HD Radio.

J-BUS/J-BUS Connection

You can connect JVC'S optional adapters or changers to this terminal. Available functions depend on the head unit.

GIGA MP3 MULTI : MP3 WMA WAV

Thousands of MP3/WMA music files burned on a single DVD disc can be played. Also compatible with uncompressed WAV format.

AAC*

Compatible with AAC files created on iTunes from CDs. Not compatible with Apple Lossless format, DRM-protected AAC files from iTunes Store or AAC files created on applications other than iTunes.

24-bit DAC

The 24-bit DAC provides higher resolution combined with lower distortion, thanks to the 24-bit Dac for CD playback.

T/I Burr-Brown 24bit DAC

The cutting-edge T/I Burr-Brown 24-bit DAC provides higher resolution (equivalent to 24-bit) to achieve high sound quality -- high signal-to-noise ratio, wide dynamic range and low noise. Subtle nuances of music are reproduced with superior accuracy.

Advanced Multi-bit DAC

The Multi-bit system achieves a wide dynamic range. Its unique algorithm contributes to improved linearity and low distortion. Moreover, its incorporated Switched Capacitor Filter minimizes the signal deterioration caused by clock jitter, enabling stable D/A conversion. As a result, even subtle nuances of music can be reproduced in fine detail.

MOS-FET Power Amp

Unlike conventional bipolar transistors, MOS-FET devices do not generate crossover distortion when boosting voltage in the power amplifier. The result is superb signal purity. MOS-FET also features a higher signal-to-noise ratio, which means high frequencies are not degraded by noise.

cEQ

cEQ features custom-made EQ presets for five types of music -- ROCK, CLASSIC, POPS, HIPHOP and JAZZ -- which you can further touch up as you like. You can create one more EQ on your own by adjusting bass, treble and loudness settings.

7-Band iEQ

Boost or cut the level by up to 10dB on each of seven bandwidths (60, 150, 400, 1k, 2.4k, 6k and 15 kHz). Even customise the overall response with the 7-band iEQ, which offers three user- and nine factory-preset patterns (POP, HARD ROCK, JAZZ, DANCE MUSIC, REGGAE, R&B, COUNTRY, CLASSIC, and FLAT).

3-Band Parametric iEQ

You can adjust centre frequency curves, bandwidth, and level independently for bass, midrange, and treble, to optimize the sound for the music you listen to.

HS-IV Tuner

The HS-IV tuner features even higher sensitivity, due to IF bandwidths (wide, middle, and narrow). It also include AM Noise Canceller, plus upgraded IF filters that help avoid the suppressing distortion caused by interface from adjust stations. The result – Clear and premium sound quality.

HS-IVi Tuner

High sensitivity and selectivity with 8 bandwidth variable IF filter.

DiAS Digital Tuner (KD-AHD39)

The all-digital DiAS (Digital Intelligent Advanced Sensing) tuner delivers high sensitivity and selectivity with a 16 bandwidth variable Digital IF filter, digital pulse noise canceller for all bands (FM/AM), and intelligent Multipath Noise Canceller for longer stereo reception.

Two Pairs of Gold-Plated Line Output Terminals

High-quality output terminals give you the flexibility to configure your in-car system – all the way to a high-grade in-car A/V system. Gold plating ensures long-term durability and reliability.

5V Line Output Level

Increased line output level means the unit is capable of delivering a high five volt signal. This high-quality output signal provides amplifiers with the best possible input for an improved signal-to-noise ratio, reduced distortion and expanded dynamic range.

Front AUX Input

The AUX input located in front lets you easily connect with external devices – including digital audio players.

Subwoofer Out Terminals/ Gold-plated Subwoofer Out Terminals

Connect an external amplifier to a head unit with subwoofer out terminals, and your subwoofer is good to go. A low-pass filter is built into the system, making a crossover network unnecessary. You can boost or decrease the level and select the cut-off frequency (Low/Mid/High) right from the dash, depending on your subwoofer's capabilities and the other speakers in your car audio system. Some JVC head units come with gold-plated terminals, which ensure long-lasting, corrosion-free connections.

Front AV-IN

Easy connection for playing audio and video from portable players and even camcorders.

Proximity Sensor

Keys appear when your hand approaches. You can turn the screen on/off depending on the setting.

Touch Pad

Smooth key control with a stroke of your finger.

Touch Panel

User-friendly controls by GUI display on the screen.

Telephone Muting

You can reduce the audio level instantly when there's an incoming phone call. On certain models this function also stops the CD automatically.

DivX® Video File



DVD Receivers plays video files created on your PC, DivX® is one of the most popular compressed digital video formats, allowing high compression rates and fast transfer speeds, without sacrificing any picture quality.

MPEG 1/MPEG 2 Playback

The units plays MPEG 1 and MPEG 2 video files burned on SD,DVD or CD. It's easy to play back TV programmes recorded from a PC or footage you have taken yourself (with a digital camcorder, for example).

5.1ch Digital Surround with Dolby Pro Logic II

The units is compatible with the 5.1ch Dolby/DTS Surround sound formats, which let you create a realistic sound field onboard. The same excitement is also available with 2-channel stereo source – like CD and FM broadcasts-. thanks to Dolby Pro Logic II compatibility.

Dual Zone

Let rear-seat passengers enjoy DVD movies while you listen to the radio up front.

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About Dual Disc

- The non-DVD side of a Dual Disc may not be playable on JVC Products
- The insertion or ejection of a Dua IDisc into/from JVC Products Likely to result in scratches of the surface of the Dual Disc.
- Please note that user takes full responsibility for the use of Dual Disc, and JVC is not Liable for any resulting damage.

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